

AARHUS UNIVERSITY
EXTERNAL SEMINAR
DEPARTMENT OF ENVIRONMENTAL SCIENCE

Frederiksborgvej 399, 4000 Roskilde

8 November 2019, 13:00 – 14:00

Venue: The Pavilion at Risø Campus in Roskilde, AU



Title: Cities, Ecosystems and Climate Change

Speaker: Dr Stanislav Shmelev, Director, Environment Europe, 38 Butler Close, Woodstock Road, Oxford, OX2 6JG, United Kingdom

ENVS SGA Resource flows in a circular economy has invited Dr Stanislav Shmelev

Abstract:

Smart and sustainable cities are a growing area of concern for mayors and city managers worldwide. Cities are the centres where 68% of the global population will live according to the UN in 2050. Cities are responsible for considerable resource and waste flows as well as substantial CO₂ emissions. Making sure cities are more sustainable will definitely bring the humanity closer to a safe and prosperous world.

The paper aims to present the new methodology used at Environment Europe for the assessment of smart and sustainable urban performance. It introduces Environment Europe Sustainable Cities Database currently covering over 140 cities from all over the world. It provides a birds-eye view of smart and sustainable urban performance worldwide and proposes to use a multi-criteria framework for the global benchmarking.

Bibliography:

1. Shmelev, S.E. (2019) Sustainable Cities Reimagined: Multidimensional Assessment and Smart Solutions, Routledge
2. Shmelev S. E., Shmeleva I.A. (2018) Global urban sustainability assessment: A multidimensional approach, Sustainable Development, 2018; Volume 26, Issue 6, pp. 904-920
3. Shmelev S.E. (ed) (2017) The Green Economy Reader: Lectures in Ecological Economics and Sustainable Development, Springer, 463 pp.
4. Shmelev S.E., Shmeleva I.A. (2009) Sustainable Cities: Problems of Integrated Interdisciplinary Research, International Journal of Sustainable Development, Vol. 12, n. 1, pp. 4-24;
5. Shmelev S.E. (2012) Ecological Economics: Sustainability in Practice, Springer, 248 pp.

Host: Professor Marianne Thomsen, Section for Environmental Microbiology and Biotechnology, Department of Environmental Science, Aarhus University.

External guests interested in attending the presentation should e-mail Department Secretary Christel Ege-Johansen cej@envs.au.dk

